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KARAYEV PETROLEUM REFINERY
BAKU, USSR

1. The Karayev Petroleum Refinery is located one mile from the Caspian Sea in the eastern sector of the city of Baku, USSR. The geographic coordinates of the approximate center of the refinery are 40 23 05N - 49 56 00E and its orientation is NNE/SSW.

The refinery is approximately rectangular in shape with maximum dimensions of 1,300 feet by 1,500 feet and it covers an area of approximately 1,700,000 square feet.

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Examination of all available photographic coverage from the [REDACTED] indicates that the refinery is in an intermediate stage of construction. Expansion of the refinery area and the construction of several new units and associated facilities apparently began within the past two or three years. Details concerning this construction activity and other changes are discussed in part b of section 2.

2. The limits of the Karayev Petroleum Refinery and the outlines of individual sections within the refinery are shown on Figure 7 of this report.

a. Identification and analysis of the various sections is discussed under the number corresponding to that on Figure 7.

- (1) An open, undeveloped area with a very large, flat roofed fabrication-type building, a number of smaller buildings, and a storage tank
- (2) Area with several towers, a multi-storied building, a number of warehouse/maintenance buildings, and POL tank storage
- (3) Probable distillation area with two probable distillation units, possibly still under construction, and a single fractionating column located in the eastern section of the area
- (4) Administration area
- (5) Distillation area consisting of a distillation unit with a small pipe furnace located in the center of the area, a furnace and associated stack located in the eastern section, an unidentified refining unit located in the western section, a number of small buildings, POL tank storage, including a suspect spheroidal tank, and a water treating pond

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- (6) POL tank storage area
- (7) Unidentified refining area with a suspect vapor recovery unit located in the northwest corner of the area, a small possible refining unit located in the southwest corner, and a small building
- (8) Open area with several warehouse type buildings
- (9) Railcar loading and unloading facility
- (10) Area with a large refining unit under construction in the northern half of the area, a smaller probable refining unit under construction in the southern half, and a number of warehouse type buildings
- (11) Possible final product storage area
- (12) Area with a large refining unit under construction, two buildings, one of which is still under construction, and open materiel storage
- (13) Probable crude oil storage area, possibly connected by pipeline to the refining area

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- b. Changes and construction activity at the refinery from [REDACTED] include the following:

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- (1) Examination of [REDACTED] photography indicates that the facilities present at the refinery in [REDACTED] consisted of the furnace and stack and possibly the unidentified refining unit in Annotation 5, some of the buildings in Annotations 2, 4, 5, and 7, the POL tanks in Annotation 6, and essentially the same arrangement of probable crude oil storage tanks in Annotation 13.
- (2) As described in section a, refining units are under construction in the areas indicated by Annotations 10 and 12 and possibly in Annotation 3. Construction of the large refining unit in Annotation 10 apparently began prior to [REDACTED] while construction of the refining unit in Annotation 12 apparently began after [REDACTED]
- (3) Construction of the buildings in Annotation 1 began after [REDACTED]
- (4) The POL tanks in Annotation 11 were constructed and completed between [REDACTED]

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3. The refinery is served by road, rail and probably by pipeline.

4. The refinery appears to have been operating at the time of the most recent coverage as indicated by smoke coming from the distillation unit in Annotation 5. Due to the quality of the photography of previous missions it is not possible to determine whether this unit or other units were operating.

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5. All measurements have been made by the CIA/PID/IB project analyst. They should be considered as approximate and must not be taken as official NPIC mensuration data compiled by the Technical Intelligence Division, NPIC.

- 3 -

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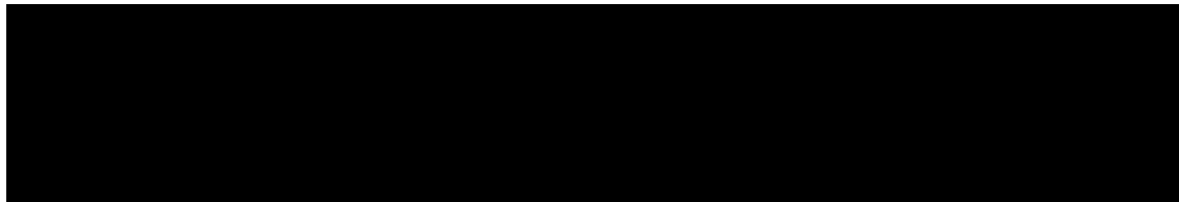
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REFERENCES

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MAPS OR CHARTS

General Locator Map, USSR - 29656 1-61 (UNCLASSIFIED)
ACIC. US Air Target Chart, Series 200, Sheet 0325-25HL,
2nd Edition, March 1963 (SECRET)

REQUIREMENT

CIA. C-RR5-82,468

CIA/PID PROJECT

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CENTRAL INTELLIGENCE AGENCY
PHOTOGRAPHIC INTELLIGENCE DIVISION
PHOTOGRAPHIC INTELLIGENCE REPORT

KARAYEV PETROLEUM REFINERY
BAKU, USSR

CIA/PIR-5022/65



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FIGURE -



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FIGURE 1



KARAYEN PETROLEUM REFINERY
BAND, YEMEN
41 23 00N - 49 50 00E

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